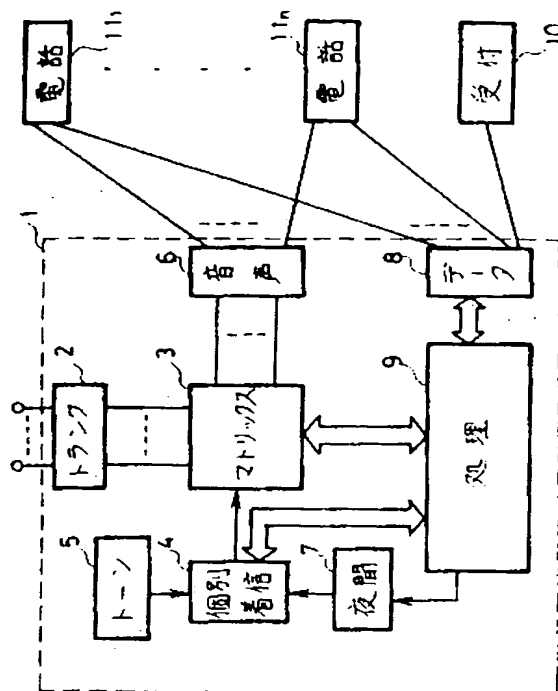


## Patent Abstracts of Japan

TITLE : ELECTRONIC KEY TELEPHONE SET



**CONSTITUTION:** In designating one set of reception telephone set through the button operation of an attendant board 10, the data of button information from the attendant board 10 is analyzed and processed by a central processing unit 9 via a data transmission/reception circuit 8, an external line incoming tone is set so as to ring only a button telephone set 11<sub>1</sub> only by an individual incoming tone designating circuit 4, and the operator of the said telephone set executes the reception only to the external line as the recipient. A photodetector of the reception telephone set 11<sub>1</sub> inputs a voltage value in response to the lightness of the room to an integration circuit, which integrates the input value for a prescribed time. When the operator is absent at night and the lighting fixture of the room goes out, the output of the integration circuit is a prescribed value or below after a time, a night state circuit 7 detects it via the central processing unit 9, controls the individual tone designation circuit 4 to ring the external line incoming tone to other specific button telephone set 11<sub>1</sub>, and to bring the state in the night state.

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